



RECEIVED  
OCT 28 2003  
TRANSMITTAL  
FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

19

Application Number

09/877,457

Filing Date

08 June 2001

First Named Inventor

DONG, Zuomin

Art Unit

1746

Examiner Name

BELL, Bruce F.

Attorney Docket Number

5692-002

PTO/SB/21 (08-03)

Approved for use through 08/30/2003. OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Project of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**ENCLOSURES** (Check all that apply)

- ☐ Fee Transmittal Form
- ☐ Fee Attached
- ☒ Amendment/Reply
- ☐ After Final
- ☐ Affidavits/declaration(s)
- ☐ Extension of Time Request
- ☐ Express Abandonment Request
- ☐ Information Disclosure Statement
- ☐ Certified Copy of Priority Document(s)
- ☐ Response to Missing Parts/ Incomplete Application
- ☐ Response to Missing Parts under 37 CFR 1.52 or 1.53

- ☐ Drawing(s)
- ☐ Licensing-related Papers
- ☐ Petition
- ☐ Petition to Convert to a Provisional Application
- ☐ Power of Attorney, Revocation
- ☐ Change of Correspondence Address
- ☐ Terminal Disclaimer
- ☐ Request for Refund
- ☐ CD, Number of CD(s) \_\_\_\_\_

- ☐ After Allowance communication to Technology Center (TC)
- ☐ Appeal Communication to Board of Appeals and Interferences
- ☐ Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
- ☐ Proprietary Information
- ☐ Status Letter
- ☒ Other Enclosure(s) (please Identify below):  
Green Reply Card

Remarks

RECEIVED  
OCT 28 2003  
TC 1700

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm  
or  
Individual name

Robert H. Barrigar, Registration No. 26,125

Signature

Date

24 October 2003

**CERTIFICATE OF TRANSMISSION/MAILING**

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or printed name

Signature

Date

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



5692-002  
PF003 2102 US

**IN THE UNITED STATES PATENT & TRADEMARK OFFICE**  
Patent Examining Operations  
Patent Application

Inventors: DONG, Zuomin and SHEN, John J. Y.  
Title: SOLID CAGE FUEL CELL STACK  
Serial No.: 09/877,457  
Filing Date: 8 June 2001  
Examiner: BELL, Bruce F. Art Unit: 1746

**RECEIVED**  
**OCT 28 2003**  
**TC 1700**

To: The Commissioner of Patents and Trademarks  
United States Patent and Trademark Office  
Alexandria, VA 22313-1450

24 October 2003

Dear Sir:

**INTRODUCTORY COMMENTS**

This letter is in reply to the Office Action dated 30 July 2003.

The amendments presented herein are in the form permitted under the 31 January 2003 Notice from the Deputy Commissioner for Patent Examination Policy, titled "Amendments in a Revised Format Now Permitted". In the Amendments to the Specification, Amendments to the Claims and Remarks, deleted text is indicated by ~~striketrough~~ and added text is underlined. In this response, references to line numbers are to the specification and claim line numbers as they were prior to any amendments referred to herein.